



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Joakim O. Blanch, et al.	§	Group Art Unit: 3663
		§	
Serial No.:	10/025,528	§	
		§	
Filed:	December 18, 2001	§	Examiner: Nelson Moskowitz
		§	
For:	Acoustic Logging Apparatus	§	
	And Method	§	Confirmation No.: 6433

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Att'y Docket No.: 1391-26800
Client's Ref. No.: 2001-IP-004078
Date: July 21, 2004

Sir:


In accordance with 37 CFR §1.97, §1.98, Applicants are providing herewith copies of the supplementary items listed on the attached U.S. Patent and Trademark Office Form PTO 1449. This information is supplemental to the Information Disclosure Statement and Form PTO 1449 filed in the above-referenced case on February 4, 2004.

The submission of this Supplemental Information Disclosure Statement and Form PTO-1449 and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

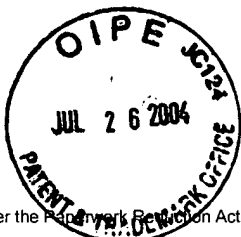
It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

Applicant hereby authorizes the Commissioner to charge Deposit Account 03-2769 of Conley Rose, P.C. the \$180 necessary so that this Second Supplemental Information Disclosure Statement may be considered.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mark E. Scott', written over a horizontal line.

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PTO/SB/08A (08-03)
Approved for use through 07/31/2006 OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/025,528		
		Filing Date	December 18, 2001		
		First Named Inventor	Joakim M. Blanch		
		Group Art Unit	3663		
		Examiner Name	Nelson Moskowitz		
Sheet	1	of	1	Attorney Docket Number	1391-26800

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Semblance processing of borehole acoustic array data"; Kimball et al.; GEOPHYSICS, Vol. 49, No. 3 (March 1984); pp. 274-281, 7 Figures.	
		"Multiple-shot processing of array sonic waveforms"; Hsu et al.; GEOPHYSICS, Vol. 52, No. 10 (October 1987); pp. 1376-1390, 13 Figures, 1 Table.	
		"Predictive processing of array acoustic waveform data"; Tang; GEOPHYSICS, Vol. 62, No. 6 (November-December 1997); pp. 1710-1714, 4 Figures.	
		"A New Generation Crossed Dipole Logging Tool: Design and Case Histories"; Kessler et al.; SPE 71740; Society of Petroleum Engineers 2001 Annual Technical Conference and Exhibition, New Orleans, Louisiana, 30 September - 3 October 2001; pp. 1-16	

Examiner Signature		Dated Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.